

## Volume 75 · CONTENTS

No 1 JULY 1996

### Annotations

1 Divorce and marital strife and their effects on children *Trevor Hartnup*  
3 Bone marrow transplant for sickle cell disease—an update *Sally C Davies, Irene A G Roberts*  
6 Long term outlook in treated congenital heart disease *Sarah Thorne, John Deanfield*

**Original articles**

9 Prevention of anaemia in inner city toddlers by an iron supplemented cows' milk formula *A Daly, A MacDonald, A Aukett, et al*  
17 A multicentre retrospective survey of Langerhans' cell histiocytosis: 348 cases observed between 1983 and 1993 *The French Langerhans' Cell Histiocytosis Study Group*  
25 Short stature—the role of intelligence in psychosocial adjustment *Jane Gilmour, David Shuse*  
32 Psychological response to growth hormone treatment in short normal children *A Bruce Doumè, Jean Mulligan, Elizabeth S McCaughey, et al*  
36 Diagnostic dilemmas and results of treatment for chronic constipation *C W Keuzenkamp-Jansen, C J Fijnvandraat, C M F Kneepkens, et al*  
42 Increased perinatal intracranial pressure and prediction of early puberty in girls with myelomeningocele *L A Proos, M Dahl, G Ahlsten, et al*  
46 Simultaneous tracheal and oesophageal pH monitoring during mechanical ventilation *Valérie Hue, Francis Leclerc, Frédéric Gottrand, et al*  
51 Clinical and pH-metric characteristics of gastro-oesophageal reflux secondary to cows' milk protein allergy *F Cavataio, G Iacono, G Montalto, et al*  
57 Epidemiology of Munchausen syndrome by proxy, non-accidental poisoning, and non-accidental suffocation *R J McClure, P M Davis, S R Meadow, et al*  
62 Nocturnal enuresis: a placebo controlled trial of two antidepressant drugs *J M Smellie, V S McGrigor, S R Meadow, et al*  
67 Neonatal cholestasis as the presenting feature in cystic fibrosis *P Lykavteris, O Bernard, M Hadchouel*  
71 Cowper's syringocele: an analysis of 15 consecutive cases *P Campobasso, B Schieven, E C Fernandes*  
74 Renovascular and growth effects of childhood sarcoid *K P Morris, M G Coulthard, P J Smith, et al*  
76 Familial nasal acilia syndrome *R Soferman, Z Ne'man, M Livne, et al*

### Audit

78 Survey of difficult to contain and treat children and adolescents *Jan Sebestik, M Elena Garralda*

### Personal practice

82 Guarding paediatricians against allegations of assault *T L Chambers, G P Panting*  
85 When is HIV an issue after child sexual abuse? *Jacqueline Y Q Mok*

### Letters

### Lucina

### Instructions to authors

No 2 AUGUST 1996

### James Spence Medallist 1996

### Annotations

96 Does it matter if atrial septal defects are not diagnosed in childhood? *C M Oakley*  
99 Cystic fibrosis in teenagers and young adults *S Conway*

### Original articles

102 Focal abnormalities detected by  $^{18}\text{FDG}$  PET in epileptic encephalopathies *C D Ferrie, M Maisey, T Cox, et al*  
108 Growth and endocrine sequelae of craniopharyngioma *C J DeVile, D B Grant, R D Hayward, et al*  
115 Evaluation of fasts for investigating hypoglycaemia or suspected metabolic disease *A A M Morris, A Thekekara, Z Wilks, et al*  
120 Nocturnal hypoglycaemia and sleep disturbances in young teenagers with insulin dependent diabetes mellitus *P A Porter, G Byrne, S Stick, et al*  
124 Consistency of microvascular and autonomic abnormalities in diabetes *F H Karachaliou, K Karavanaki, R Greenwood, et al*  
129 Prevalence, aetiology, and care of severe and profound hearing loss *Marie-Florence Baille, C Arnaud, C Cans, et al*  
133 Surfactant abnormalities in infants with severe viral bronchiolitis *P A Dargaville, M South, P N McDougall*  
137 Relationship between clinical severity of respiratory syncytial virus infection and subtype *M C J Kneyber, A H Brandenburg, Ph H Rothbarth, et al*  
141 Food related, exercise induced anaphylaxis *C Caffarelli, V Terzi, F Perrone, et al*  
145 A community based study of failure to thrive in Israel *D S Wilensky, G Ginsberg, M Altman, et al*  
149 Outcome of criminal investigation into allegations of sexual abuse *C San Lazaro, A M Steele, L J Donaldson*  
153 Male pseudohermaphroditism secondary to panhypopituitarism *D P Burgner, S Kinmond, A M Wallace, et al*  
156 Injuries and the risk of disability in teenagers and young adults *M Barker, C Power, I Roberts*  
159 Antibody responses to *Haemophilus influenzae* type b conjugate vaccine in sickle cell disease *D Goldblatt, M Johnson, J Evans*

162 Serum insulin-like growth factor 1 in congenital heart disease *J S Barton, P C Hindmarsh, M A Preece*  
164 Mobility status and bone density in cerebral palsy *S Wilmshurst, K Ward, J E Adams, et al*

**Personal practice**

166 Integrated care pathways *D Kitchiner, P Bundred*

**Letters to the editor**

No 3 SEPTEMBER 1996

**British paediatrics**

173 A College of Paediatrics and Child Health *R Meadow*

**Original articles**

175 Spontaneous growth in idiopathic short stature *L T M Rekers-Mombarg, J M Wit, G G Massa, et al*

181 Pineal tumours in the north of England 1968-93 *S Bailey, R Skinner, H H Lucraft, et al*

186 Retrospective study of plasma exchange in patients with idiopathic rapidly progressive glomerulonephritis and vasculitis *A Gianviti, R S Trompeter, T M Barratt, et al*

191 Head growth in cystic fibrosis following early diagnosis by neonatal screening *S Ghosal, C J Taylor, M Pickering, et al*

194 Paracetamol use, availability, and knowledge of toxicity among British and American adolescents *R J Gilberston, E Harris, S K Pandey, et al*

199 Pain, quality of life, and coping in sickle cell disease *P Fuglie, P A X Shand, L J Gill, et al*

204 Difficulties in diagnosing intrinsic spinal cord tumours *A P J Parker, R O Robinson, P Bullock*

208 Gastrointestinal and nutritional sequelae of bone marrow transplantation *A Papadopoulou, D R Lloyd, M D Williams, et al*

214 Impact of age and drug resistance on mortality in typhoid fever *Z A Bhutta*

218 Effective treatment of painful bone crises in type I Gaucher's disease with high dose prednisolone *I J Cohen, L Kornreich, S Mekhmandarov, et al*

223 Byler-like familial cholestasis in an extended kindred *B Bourke, N Goggin, D Walsh, et al*

228 Urinary growth hormone estimation in diagnosing severe growth hormone deficiency *P Pirazzoli, M Mandini, S Zucchini, et al*

232 Validation of the reporting bases of the orthopaedic and paediatric surveillance schemes *S Godward, C Dezateux*

237 A case-control study of somatic and behavioural symptoms in sexually abused boys *V Antao, A Maddocks, E Street, et al*

239 Painful and painless ophthalmoplegia with cavernous sinus pseudotumour *V Ganesan, J-P Lin, W K Chong, et al*

242 Defective growth hormone secretion in children with pycnodysostosis and improved linear growth after growth hormone treatment *A T Soliman, A Rajab, I AlSalmi, et al*

245 Familial hypothyroidism with autosomal dominant inheritance *M Mimouni, A Mimouni-Bloch, J Schachter, et al*

247 Unusual complications in siblings with marfanoid phenotype *D G Harendra de Silva, T P J Gunawardena, F M K Law*

249 Higher rectal temperatures in co-sleeping infants *C S Tuffnell, S A Petersen, M P Wailoo*

**Recent advances**

251 Advances in neurology *C R Kennedy*

**Current topics**

256 The new antiepileptic drugs *R E Appleton*

263 Better health for children in resident care *L Polnay, A Glaser, V Rao*

**Letters to the editor**

268 *Lucina*

**Annotations**

269 Evaluation and management of precocious puberty *Deborah P Merke, Gordon B Cutler Jr*

272 Mesenteric cysts *Kadiyali M Srivatsa, Raymond S Brown*

**Original articles**

273 Whole body protein metabolism in children with cancer *S E Daley, A D J Pearson, A W Craft, et al*

282 Metabolic rate of sleeping infants *David Hull, Alastair J McArthur, Katherine Pritchard, et al*

288 Individual variation in sleeping metabolic rates in infants *David Hull, Alastair J McArthur, Katherine Pritchard, et al*

292 Final height in central precocious puberty after long term treatment with a slow release GnRH agonist *Wilma Oostdijk, Berthon Rikken, Sandra Schreuder, et al*

298 Combined diphtheria, tetanus, pertussis, and *Haemophilus influenzae* type b vaccines for primary immunisation *Frank Bell, Adele Martin, Christine Blondeau, et al*

304 Interview data on severe behavioural eating difficulties in young children *J E Douglas, M Bryon*

309 Parents' and children's reactions to taking blood in a nutrition survey *P S W Davies, D L Collins, J R Gregory, et al*

No 4 OCTOBER 1996

314 Effects of inhaled steroid treatment on serum eosinophilic cationic protein (ECP) and low affinity receptor for IgE (Fc $\epsilon$ RII/sCD23) in childhood bronchial asthma *İpek Türkay, Sadık Demirsoy, Esin Koç, et al*

319 Reduced upper airway nitric oxide in cystic fibrosis *I M Balfour-Lynn, Aidan Laverty, Robert Dinwiddie*

323 Exhaled nitric oxide in paediatric asthma and cystic fibrosis *J O N Lundberg, S L Nordvall, E Weitzberg, et al*

327 Height and weight achievement in cleft lip and palate *Jane Lee, June Nunn, Charlotte Wright*

330 Growth of the uterus *N A Bridges, A Cooke, M J R Healy, et al*

332 Possible aetiology of haemorrhagic shock and encephalopathy syndrome in the Negev area of Israel *Shaul Sofer, Baruch Yerushalmi, Eliezer Shahak, et al*

335 Ultrasound compared with clinical examination in infantile hypertrophic pyloric stenosis *P Godbole, A Spragg, J A S Dickson, et al*

338 Early acute otitis media and siblings' attendance at nursery *Kari J Kværner, Per Nafstad, Jørgen A Hagen, et al*

342 Antiphospholipid syndrome presenting as episodic limb ischaemia *R E Evans, M J Dillon, M Alfaham*

344 The laryngeal mask airway in fibreoptic bronchoscopy *Alan R Smyth, Andrew R Bowhay, Louisa J Heaf, et al*

**Recent advances**

346 Advances in genetics *Melissa M Lees, Robin M Winter*

**Personal practice**

351 Management of growth failure in Crohn's disease *J A Walker-Smith*

355 Letters to the editor

356 Autumn books

No 5 NOVEMBER 1996

**Annotations**

361 Alcohol and the young *Philip Graham*

363 Hepatitis C infection after blood product transfusion *D A Kelly*

366 Acknowledgments and authors *Martin Moncrieff*

**Original articles**

367 Randomised trial of biofeedback training for encopresis *R N van der Plas, M A Benninga, W K Redekop, et al*

375 Bases for maternal perceptions of infant crying and colic behaviour *Ian St James-Roberts, Susan Conroy, Katie Wilsher*

385 Stability of respiratory symptoms in unlabelled wheezy illness and nocturnal cough *C V E Powell, R A Primhak*

392 Parental and neonatal risk factors for atopy, airway hyper-responsiveness, and asthma *Malcolm R Sears, M David Holdaway, Erin M Flannery, et al*

399 Needs of disabled children and their families *J Milner, C Bungay, D Jellinek, et al*

405 Clinic audit for long term survivors of childhood cancer *C Eiser, G Levitt, A Leiper, et al*

410 Ketoacidosis at the diagnosis of type 1 (insulin dependent) diabetes mellitus is related to poor residual  $\beta$  cell function *Jorma Komulainen, Raisa Louunamaa, Mikael Knip, et al*

416 Early identification of anthracycline cardiomyopathy: possibilities and implications *Frances A Bu'Lock, Martin G Mott, Anthony Oakhill, et al*

423 Total energy expenditure and body composition in early infancy *J C K Wells, T J Cole, P S W Davies*

427 Model of normal prepubertal growth *N K S Thalange, P J Foster, M S Gill, et al*

432 Successful treatment of non-familial haemophagocytic lymphohistiocytosis with interferon and gammaglobulin *E J Estlin, R D Palmer, K P Windebank, et al*

436 Intravenous immunoglobulin, splenectomy, and antibiotic prophylaxis in Wiskott-Aldrich syndrome *J Litzman, A Jones, I Hann, et al*

440 Delayed gastric emptying: a novel gastrointestinal finding in Turner's syndrome *Annamaria Staiano, Mariacarolina Salerno, Salvatore Di Maio, et al*

444 Primary vesicoureteric reflux—how useful is postnatal ultrasound? *J M Tibballs, R De Bruyn*

448 Developmental and behavioural characteristics of cri du chat syndrome *K M Cornish, J Pigram*

451 Human heat shock protein gene polymorphisms and sudden infant death syndrome *R A Rahim, P A Boyd, W J Ainslie Patrick, et al*

453 Proinflammatory and anti-inflammatory cytokines in meningococcal disease *F Andrew I Riordan, Omnia Marzouk, Alistair P J Thompson, et al*

**Research design**

455 Lessons from psychosocial studies of chronic renal failure *R J Postlethwaite, M E Garralda, D M Eminson, et al*

**Current topic**

460 Telephone conferencing *David M B Hall*

462 Letters to the editor

463 Westminster briefing

464 Lucina

**Annotations**

465 Future prospects for evidence-based child health *Ruth Gilbert, Stuart Logan*  
468 *Integrated management of childhood infections and malnutrition: a global initiative*  
Harry Campbell, Sandy Gove  
471 Head lice in schoolchildren *Joanna Ibarra, David M B Hall*

**Original articles**

474 Nutrient intakes and impact of fortified breakfast cereals in schoolchildren *Helene McNulty, Jill Eaton-Evans, Gordon Cran, et al*  
482 Dexamethasone and bacterial meningitis in Pakistan *Shamim A Qazi, Mushtaq A Khan, Naeem Mughal, et al*  
489 Clinical significance of cough and wheeze in the diagnosis of asthma *Yvonne J Kelly, Bernard J Brabin, Paul J M Milligan, et al*  
494 Epogam evening primrose oil treatment in atopic dermatitis and asthma *Carl-Axel Hederos, Anders Berg*  
498 Relationship between disease severity and inflammatory markers in cystic fibrosis *Dieter Y Koller, Manfred Götz, Claudia Wojnarowski, et al*  
502 Risk factors for liver rejection: evidence to suggest enhanced allograft tolerance in infancy *M S Murphy, R Harrison, P Davies, et al*  
507 Circulating adhesion molecules ICAM-1, E-selectin, and von Willebrand factor in Henoch-Schönlein purpura *Öğuz Söylemezoglu, Nedim Sultan, Turkiz Gursel, et al*  
512 Lichen sclerosus et atrophicus and sexual abuse *Shirley A Warrington, Camille de San Lazaro*  
517 Outcome of children born to epileptic mothers treated with carbamazepine during pregnancy *A Ornoy, E Cohen*  
521 Body size and subcutaneous fat patterning in adolescence *Jean W A Matthes, P A Lewis, D P Davies, et al*  
524 Rickets and soil strontium *Servet Özgür, Haldun Sümer, Gülay Koçoglu*

**Regular review**

527 Child health statistical review, 1996 *Mary Jane Platt, P O D Pharoah*

**Current topic**

534 Are we 'Fit for the Future' now? *David M B Hall*  
536 Donald Court: man of vision (1912-94) *A W Craft*

**Personal practice**

539 Use of the colposcope in examination for sexual abuse *Chris Hobbs, Jane Wynne*

**Referees and staff**

**Letters to the editor**

**Book reviews**

**Correction**

**Index**

## VOLUME 75 · CONTENTS · Fetal and Neonatal Edition

No 1 JULY 1996

### Annotation

F1 New targets for surfactant replacement therapy: experimental and clinical aspects  
**Original articles**  
F4 Development of peripheral chemoreceptor function in infants with chronic lung disease and initially lacking hyperoxic response *Miriam Katz-Salamon, Mats Eriksson, Baldwin Jónsson*  
F10 Recent trends in the incidence of multiple births and associated mortality in England and Wales *Alistair Dunn, Alison Macfarlane*  
F20 Phase I study of intraventricular recombinant tissue plasminogen activator for treatment of posthaemorrhagic hydrocephalus *Andrew Whitelaw, Elie Saliba, Vineta Fellman, et al*  
F27 Clinical associations and time of onset of cerebral white matter damage in very preterm babies *Deirdre J Murphy, Marian V Squier, Peter L Hope, et al*  
F33 Morbidity during the first year of life in small for gestational age infants *Torstein Vik, Lars Vatten, Trond Markestad, Gunnar Ahlsén, et al*  
F38 Natural history of trisomy 18 *N D Embleton, J P Wyllie, M J Wright, et al*  
F42 Postnatal hypothermia and cold stress among newborn infants in Nepal monitored by continuous ambulatory recording *M Ellis, N Manandhar, U Shakya, et al*  
F46 Total energy expenditure in small for gestational age infants *Peter S W Davies, H Clough, N J Bishop, et al*  
F49 CRIB (clinical risk index for babies) in relation to nosocomial bacteraemia in very low birthweight or preterm infants *P W Fowlie, C R Gould, G J Parry, et al*  
F53 Transcutaneous bilirubinometry in neonatal intensive care units *A Knudsen, F Ebbesen*  
F57 Granulocyte colony stimulating factor treatment for alloimmune neonatal neutropenia *R L Rodwell, P H Gray, K M Taylor, et al*  
F59 Intraobserver variation in Doppler ultrasound assessment of pulmonary artery pressure *N V Subhadar, N J Shaw*  
F62 Reappraisal of ultrasound imaging of neonatal intravascular catheters *R J Madar, S A Deshpande*  
**Current topic**  
F65 Blood transfusions and human recombinant erythropoietin in premature newborn infants *Paula Williamson, Gill Griffiths, Derek Norfolk, et al*  
**Perinatal lessons from the past**  
F69 William Potts Dewees (1768-1841) of Pennsylvania: pioneer of perinatal medicine in America *Peter M Dunn*  
F71 **Letters to the editor**  
F71 **Book reviews**

No 2 SEPTEMBER

**Annotation**

F73 Hypoxia, ischaemia, and apoptosis *H Mehmet, A D Edwards*  
**Original articles**  
F76 Visual function and perinatal focal cerebral infarction *Eugenio Mercuri, Janette Atkinson, Oliver Braddick, et al*  
F82 Limited role for nitric oxide in mediating cerebrovascular control of newborn piglets *J Patel, O Pryds, I Roberts, et al*  
F87 Effects of increased red cell mass on subclinical tissue acidosis in hyaline membrane disease *Edmund F La Gamma, Alfred Krauss, Peter A M Auld*  
F94 Comparison of effects of 95% and 90% oxygen saturations in respiratory distress syndrome *Harry Bard, Sylvie Bélanger, Jean-Claude Fouron*  
F97 Outcome in low risk pregnancies *Renu Arya, Tim Pethen, Richard B Johanson, et al*  
Commentary—*Alison Macfarlane*  
F103 Alfentanil as procedural pain relief in newborn infants *Elina Saarenmaa, Pirkko Huttunen, Juhani Leppäläluoto, et al*  
F108 Visual evoked potentials and dietary long chain polyunsaturated fatty acids in preterm infants *Giacomo Faddella, Marina Govoni, Rosina Allesandrini, et al*  
F113 Tolerance of mixed lipid emulsion in neonates: effect of concentration *P A Cairns, D C Wilson, J Jenkins, et al*  
F117 Gastric emptying and gastro-oesophageal reflux in preterm infants *A K Ewer, G M Durbin, M E I Morgan, et al*  
F122 Comparison of two cotside methods for the detection of hypoglycaemia among neonates in Nepal *M Ellis, D S Manandhar, N Manandhar, et al*  
F126 Low bone mineral density in small for gestational age infants: correlation with cord blood zinc concentrations *F Chunga Vega, M J Gómez de Téjada, J González Hachero, et al*  
F130 Skin to skin care: heat balance *H Karlsson*  
F133 Neural tube defects 1974-94—down but not out *Michael Murphy, Valerie Seagroatt, Kate Hey, et al*  
**Current topic**  
F135 Advances in neonatal conventional ventilation *Sunil K Sinha, Steven M Donn*  
**Perinatal lessons from the past**  
F141 Dr John Snow (1813-58) of London: pioneer of obstetric anaesthesia *Peter M Dunn*  
F143 **Letters to the editor**  
F144 **Erratum**

**Original articles**

F145 Hypoxic-ischaemic encephalopathy: early and late magnetic resonance imaging findings in relation to outcome *Mary Rutherford, Jacqueline Pennoch, Jane Schwieso, et al*

F152 Growth impairment in very low birthweight children at 12 years: correlation with perinatal and outcome variables *Andrew Powls, Nicola Botting, Richard W I Cooke, et al*

F158 Outcomes of neonatal screening for hearing loss by otoacoustic emission *PM Watkin*

F169 The changing epidemiology of cerebral palsy *Peter O D Pharoah, Mary Jane Platt, Theresa Cooke*

F174 Cerebral palsy and multiple births *P O D Pharoah, T Cooke*  
Commentary—*Beverley Botting*

F178 Cerebral palsy: effects of twinning, birthweight, and gestational age *Katrina Williams, Enid Hennessy, Eva Alberman*

F183 Early ductal shunting and intraventricular haemorrhage in ventilated preterm infants *Nick Evans, Martin Kluckow*

F187 Stress, severity of illness, and outcome in ventilated preterm infants *D P Barker, N Rutter*

F191 Influence of bilirubin on surface tension properties of lung surfactant *Maurizio Arnato, Samuel Schürch, Rolf Grunder, et al*

F197 Effect of dexamethasone on IL-2 and IL-3 production by mononuclear cells in neonates and adults *Hanna Bessler, Racheli Straussberg, Nina Gurary, et al*

F202 Measuring blood glucose in neonatal units: how does HemoCue compare? *S A Deshpande, J N S Matthews, M P Ward Platt*

F209 Nasal deformities resulting from flow driver continuous positive airway pressure *N J Robertson, L S McCarthy, P A Hamilton, et al*

**Current topic**

F213 Graphic analysis of pulmonary mechanics in neonates receiving assisted ventilation *Sunil K Sinha, Joanne J Nicks, Steven M Donn*

**Perinatal lessons from the past**

F219 The Holy Bible: insights into perinatal practice in ancient times *Peter M Dunn*

**Contents**

